

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

February 22, 2010

Serial No. 10/523,538  
Applicant: Sunagawa, et al.  
Filed: February 3, 2005  
Title: ULTRA MINIATURE INTEGRATED CARDIAC  
PACEMAKER AND DISTRIBUTED CARDIAC PACING  
SYSTEM  
Art Unit: 3762  
Examiner: Kahelin, Michael William  
Confirmation Number: 7543  
Attorney Docket No.: KUP-6

HONORABLE COMMISSIONER OF PATENTS

Alexandria, VA 22313-1450

**AMENDMENT  
AND RESPONSE TO FINAL OFFICE ACTION**

In response to the Office Action dated 24 November 2009, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/ Arguments begin on page 24 of this paper.